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July 30, 1979

7.9-10278

CR-162100

Dr. G. R. Stonesifer  
Code 902  
NASA/Goddard Space Flight Center  
Greenbelt, MD 20771

Dear Dick:

This letter is the quarterly progress report on project NAS5-24383, "Dryland Pasture and Crop Conditions As Seen By HCMM," for the period April - July, 1979. This is the most inexpensive and simplest means of informing you of progress during this period. The contract extension documentation was received on July 29, 1979, so extensive work can proceed during the next quarter.

During this period, precipitation data of the Washita River Watershed area for April and May, 1979 were received. Antecedent precipitation indices were calculated and are being correlated to day/night surface temperature data. Relationships between soil moisture and day/night temperature differences (see Progress Report 3712-4) were presented at the LARS Symposium in June. No other results were noted during this period. HCMM CCT's were ordered after examination of received imagery.

During the next period, we will further analyze the precipitation data. As the CCT's arrive analysis of digital data will proceed.

If any additional information is needed please contact us.

Sincerely yours,

*Wesley D. Rosenthal*

Wesley D. Rosenthal  
Research Associate

*James C. Harlan*  
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Associate Research Scientist

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AUG 23 1979

SIS/902.6

(E79-10278) DRYLAND PASTURE AND CROP  
CONDITIONS AS SEEN BY HCMM Quarterly  
Progress Report, Apr. - Jul. 1979 (Texas A&M  
Univ.) 1 p HC A02/MF A01 CSCL 02C

N79-31735

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